

## INNOVATIVE TANK SOLUTIONS

IMFO®: integrally molded for major hazard control.



Traditional tank maintenance can be a challenge with many chemicals – so Poly has developed a unique system that helps minimize the hazards associated with traditional vertical tank maintenance. With Poly's Integrally Molded Flanged Outlet, or IMFO® system, the flange is molded while the tank is processing, making it a stress-free part of the tank. The flange is created from the same material as the tank – it's not an insert introduced during or at post-production.

### The IMFO's advantages are many:

- Since the flange is at the bottom of the tank, full drainage is achieved below the tank knuckle radius, which can eliminate the need to enter the tank for cleaning.
- One-piece construction enhances long-term performance of the tank, since it doesn't compromise the tank hoop's integrity or structural design.
- In aggressive applications, the complete flange face is protected by the antioxidant OR-1000™ system.
- The IMFO's design brings you the highest amount of static head pressure, which contributes to the highest net positive suction head (NPSH) of any vertical non-coned tank.

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# VERTICAL TANKS WITH IMFO®



T <sub>2</sub>	VERTICAL TANKS WITH IMFO*										
	F.O.B.			Stock Number	Nominal Capacity	Approx. O.D.	Approx. Overall Height	Lid Size	IMFO* Size	Ladder Height	
LA	VA	CA									
	.			1	1113650	13,650	13'-9"	16'-10"	24"	4"	13'
	.			1	1112150	12,150	12'-0"	16'-8"	24"	4"	17'
	.	4			1112150	12,150	12'-0"	17'-1"	24"	4"D	17'
	.			1	1110300	10,300	12'-0"	14'-4"	24"	4"	14'
L	.	4			1110150	10,150	11'-11"	14'-5"	24"	4"	14'
L	.	4			1108500	8,500	10'-0"	16'-9"	24"	4"	17'
L	.	4			1108100	8,100	11'-11"	11'-10"	24"	4"	12'
L	.			1	1108050	8,050	10'-0"	15'-6"	24"	4"	15'
L	.	4			1107300	7,300	10'-2"	14'-2"	24"	4"	14'
L	.			1	1106600	6,600	10'-0"	13'-7"	24"	4"	13'
L	.	4	7		1106150	6,150	10'-2"	12'-5"	24"	4"	12'
L	.	4			1106100	6,100	8'-6"	16'-4"	24"	4"D	16'
L	.			1	1106100	6,100	10'-0"	12'-7"	24"	4"	12'
L	.	4			1105050	5,050	7'-10"	16'-0"	24"	4"D	16'
L	.			1	1104600	4,600	10'-2"	9'-7"	24"	4"	9'
L	.	4			1104300	4,300	11'-11"	7'-1"	24"	4"	7'
L	.		7		1104150	4,150	8'-6"	12'-6"	24"	3"	12'
L	.			1	1104050	4,050	8'-2"	12'-10"	24"	3"	12'
L	.	4			1103900	3,900	7'-10"	12'-6"	24"	4"D	12'
L	.	4	7		1103000	3,000	7'-1"	12'-0"	24"	3"	12'
L	.			1	1102750	2,750	8'-2"	9'-4"	24"	4"	9'
L	V		7		1102550	2,550	7'-1"	10'-4"	24"	3"	10'
L	V	4	7		1102000	2,000	7'-1"	8'-6"	24"	3"	8'
				1	1101600	1,600	6'-1"	9'-1"	17"	3"	9'
F		4	7		1101400	1,400	5'-4"	9'-11"	17"	3"	
				1	1101250	1,250	5'-0"	9'-10"	17"	3"	
F			7		1101150	1,150	5'-4"	8'-3"	17"	3"	
F			7		1100905	905	5'-4"	6'-7"	17"	2"	
F		4		1	1100545	545	4'-0"	6'-11"	17"	2"	
F			7		1100475	475	4'-0"	6'-4"	17"	3"	
F			7		1100325	325	4'-0"	4'-8"	17"	3"	
F			7		1100230	230	3'-2"	4'-11"	17"	3"	
F				1	1100200	200	2'-7"	6'-4"	7"	2"	

PADS FOR TANKS WITH IMFO*					
F.O.B.			Stock Number	Diameter	Height
LA	VA	CA			
	7		8000004	4'-0"	4"
		1	8000005	5'-0"	6"
	7		8000054	5'-4"	4"
		1	8000006	6'-0"	6"
	7		8000071	7'-1"	4"

T <sub>3</sub>	SLOPED BOTTOM VERTICAL TANK WITH IMFO*										
	F.O.B.			Stock Number	Nominal Capacity	Approx. O.D.	Approx. Overall Height	Lid Size	IMFO* Size	Ladder Height	
LA	VA	CA									
	.			1	1211800	11,800	12'-0"	16'-6"	24"	4"	15'
	.			1	1208500	8,500	12'-0"	12'-5"	24"	4"	10'
L	.	4			1206350	6,350	10'-2"	12'-7"	24"	4"	13'
L	.			1	1206250	6,250	10'-0"	13'-1"	24"	4"	13'
L	.			1	1204200	4,200	8'-2"	13'-6"	24"	3"	12'
L	.		7		1204100	4,100	8'-6"	12'-11"	24"	3"	13'
L	.			1	1203950	3,950	10'-0"	9'-0"	24"	4"	8'

- = Molded-in lifting lugs
- L = Molded-in ladder attachment lugs
- V = Molded-in lifting lugs - Virginia only
- D = Double IMFO® available
- F = Flat backing ring required

